## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Michail Tsatsanis, Mark A. Erickson, Sunil Shah

Title: MULTILINE TRANSMISSION IN COMMUNICATION SYSTEMS

Attorney Docket: VOY-023US

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## RESPONSE TO NON-FINAL OFFICE ACTION MAILED DECEMBER 13, 2006

This paper is responsive to the Non-final Office Action mailed December 13, 2006. The Examiner has indicated that claims 1-3, 5-15, 17-27, 29-39, and 41-47 are pending in the application. Claims 1-3, 5-7, 13-15, 17-19, 25-27, 29-31, 37-39, 41 and 42 stand rejected. Claims 8-12, 20-24, 32-36, and 43-47 stand objected to. The present response includes the following:

Amendments to the Claims begin on page 2 of this Amendment.

**Remarks** begin on page <u>16</u> of this Amendment.